

that the station/node is amateur radio based.... (there are other .org addresses).

> Will the Internet-with-a-big-I understand these forms of addresses?

Absolutely!

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*****
* Jack Spitznagel                * As a curmudgeon, I speak for *
* Internet: jks@giskard.uthscsa.edu * no man, everyman, and my      *
* AMPRNet: kd4iz@kd4iz.ampr.org    * opinions are none of your    *
* CIS:      76044,476              * business. Those I will gladly *
* Tel:      (210) 567-6616          * share. All else is random.   *
* Foot:     29.41'N 98.38'W         * (C) 1993                     *
*****
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Date: Sun, 13 Jun 1993 15:49:36 GMT
From: gsm001!gsm001.mendelson.com!gsmlrn@uunet.uu.net
Subject: I need to borrow your TNC and ht for a minute pls.
To: packet-radio@ucsd.edu

Hi, I just purchased an MFJ TNC.

My problem:

It radiated noise on 144.990 (the one packet frequency I need) enough to block signals completely up to about 50 feet.

I noticed that the ground connections on the case were poor at best, so I removed the paint where the top and bottom and the front and bottom meet. I added clamp on rf chokes (square toroids?) on the radio and power cables. I also tweaked the clock oscillator crystal to move the harmonics off frequency.

The result is that I can now use 144.990 with the antenna about 15 feet from the tnc.

This is fine except for portable packet.

Now my request:

If you have a TNC and an HT would you pls set your HT to 144.990 and measure how close you can get to the TNC without any signal on the HT.

Please let me know what your results are, if you respond by email, I will post a summary.

Thanks and 73

Geoff.

--

Geoffrey S. Mendelson N3OWJ
(215) 242-8712
gsm@mendelson.com or uunet!gsm001!gsm

Date: 13 Jun 1993 21:44:50 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!
mcduffie@network.UCSD.EDU
Subject: I need to borrow your TNC and ht for a minute pls.
To: packet-radio@ucsd.edu

gsmlrn@gsm001.mendelson.com (Geoffrey S. Mendelson) writes:

>Hi, I just purchased an MFJ TNC.

>My problem:

>It radiated noise on 144.990 (the one packet frequency I need) enough
>to block signals completely up to about 50 feet.

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>The result is that I can now use 144.990 with the antenna about 15 feet from
>the tnc.

You described this as "radiated noise". Do you mean a carrier?

If so:

This is fairly normal. Most all TNCs put a signal out "somewhere". All
you need to do is retune the oscillator frequency slightly to move it
to some other channel that you don't use. Some manuals even tell you
this. Personally, I tune mine with a counter to the exact specified
clock frequency so that the realtime clock will run properly. Since it
doesn't land on .01, I have never checked to see where that puts it.
The clock frequency is not critical for anything else and can be moved
substantially with the resulting percentage of error remaining very
low and having no effect on operation.

73,

Gary McDuffie, Sr. // ---o-----\./-----o---
Scottsbluff, Nebraska \\ // mcduffie@unl.edu ---o----/T\-----o---
AG0N@AG0N.#WNE.NE.USA.NA \X/ -----|

Date: 14 Jun 93 04:24:27 GMT
From: mcdhup!src4src!marc@RUTGERS.EDU
Subject: SHIPBOARD RADIO OFFICERS
To: packet-radio@ucsd.edu

Hello

I am also looking into becomming a ships radio officer. I am currently studding for the genral raidotelephone operators license w/radar endorsement. Any help would be GREATLY apreacated especialy with any book recomendations.

Thanks
Marc Spitzer
marc@src4src.linet.org

ps I have the following:

- 1) general radiotelephone operator's license study guide 2nd edition
by thomas lebank, nx7p
- 2) radio operator's licence Q&A manual 11th edition
by milton kaufman

marc

Date: Sat, 12 Jun 1993 07:48:39
From: anomaly.sbs.com!chowda!fredmail@uunet.uu.net
Subject: TCP/IP Help, please
To: packet-radio@ucsd.edu

Hello:

Please get me some advice on a problem that I have with TCP/IP. I have KA9Q NOS version 911229 (PA0GRI v1.8b) that I am using with an MFJ -1278 TNC (revision 9 board) under KISS mode. I am using a 386/40 clone under DOS 5.0.

I can do ax25 connect sessions, but nothing else seems to work properly. For instance, when I try an FTP session with another host, I find that my station will call out and get a response from the station I am trying to connect with. Once we have each exchanged a single packet, there is no further reply to my transmissions. I am using the following trace command to arrive at these conclusions:

trace ax0 0211 spool\trace.txt.

I have read several BBS manuals on TCP/IP and have tried three versions of KA9Q NOS. I have tried using a "vanilla" configuration (minimum autoexec.bat and config.sys), and seem to get the same results each time.

I don't think it is the computer, and I followed the instructions to set up autoexec.nos and domain.txt. I have a feeling that either it is the TNC, or something wrong in my autoexec.nos file.

I have been at this for weeks, and I have run out of things to try. Any help would be greatly appreciated.

73 es CUL,

Dave

KC4UTI @ WA4ONG.VA.USA.NA

Compuserve ID 73140,1332

Date: 13 Jun 1993 20:07:44 -0400

From: digex.com!digex.net!not-for-mail@uunet.uu.net

Subject: Which PBBS software?

To: packet-radio@ucsd.edu

Now that I have a 486-33 machine and can run PBBS software in the background, I'm thinking of starting and operating a packet BBS system. But I'm not sure what software is out there and what the different features are. I guess I'd like a program that will use my system's capabilities to the maximum (while still allowing me to run other software in the foreground).

I downloaded a program called FBB515.ZIP. I think it's from France. Is this a good program? What others are available and can I FTP them?

I have a Kantronics KPC-3.

Thanks for the advice!

Todd Carter

N80DP

Date: Sun, 13 Jun 1993 14:20:08 EST

From: anomaly.sbs.com!kd1nr!news@uunet.uu.net

To: packet-radio@ucsd.edu

References <C8FqJs.1Hr@zeno.fit.edu>, <dmcreyno-110693082520@134.5.142.4>,
<1993Jun11.150745.9462@uhura.neoucom.edu>
Subject : Re: Digital microwave project

wtm@uhura.neoucom.edu (Bill Mayhew) writes:

> There is a nice Amateur allocation at 10.0 - 10.5 GHz, and
> commercially available 10.55 GHz Gunnplexers are easily tuned to
> this range by simple adjustment of a tuning slug screw. The
> amateur allocation is available to all but Novice license holders.
> You can operate there by taking two relatively easy multiple choice
> examinations (in the US). The amateur service is limited to
> strictly non commercial applications and operators must not operate
> in broadcast mode, transmit music, or transmit profane material,
> etc.

Now here's a good question. At breakfast today my friend and I were
talking about possibly installing a 10GHz link between my house and his
(about 1.5 miles apart) and using it as a SL/IP connection.

Now I know that profane/obscene material isn't permitted but all the
stuff is sent compressed and unreadable unless you're running uucico
etc. What is the legality of this? I mean, music can be transmitted, as
digital (midi files, etc) so what would the issue be with passing
alt.sex.stories in coded format? Just out of sheer curiosity of course.

And a SL/IP connection stays up all the time. Would this be
considered as broadcasting even if you ID'd all the time? There are alot
of "if's" to consider when passing data over amateur radio frequencies.

Tony Pelliccio kd1nr/ae
!!*!*!*!*!*!*!*!*
system@garlic.sbs.com

"Usenet is like a herd of performing elephants
with diarrhea -- massive, difficult to
redirect, awe-inspiring, entertaining, and a
source of mind-boggling amounts of excrement
when you least expect it." --spaf (1992)

End of Packet-Radio Digest V93 #168
